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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | ATTY. DOCKET NO. UV-44 | SERIAL NO. |
| | APPLICANT Daniel C. Hagenbuch and Michael D. Ellis | |
| | FILING DATE April 20, 1998 | GROUP |

U.S. PATENT DOCUMENTS

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EXAMINER

John

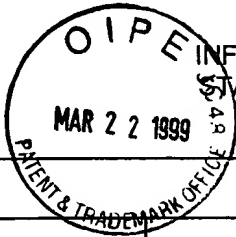
DATE CONSIDERED 2.11.02

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U.S. DEPARTMENT OF COMMERCE
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Daniel C. Hagenbuch et al.FILING DATE
April 20, 1998GROUP
2711

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|--------|------------|-------|----------|---------------------------------------|
| J. F | 5,592,551 | 1/7/97 | Lett et al | 380 | 20 | RECEIVED MAR 25 1999 Group 2700 |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| J. F | WO 97/30549 | 8/21/97 | PCT | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER INITIAL | |
|---------------------|--|
| J. F | Rost, P., et al., "Keeping Track of the Program Flood" Components pp. 15-17, April, 1997 |
| J. F | Hartwig, et al., "Broadcasting and Processing of Program Guides for Digital TV" <u>SMPTE Journal</u> pp. 727-32, October, 1997 |
| J. F | Rath, K., et al., "Set-Top Box Control Software: A Key Component in Digital Video" <u>Philips Journal of Research</u> pp. 185-99, Vol. 50, No. 1/2, 1996 |
| J. F | Rosengren, "Electronic Programme Guides and Service Information" <u>Philips Journal of Research</u> pp. 253-65, Vol. 50, No. 1/2, 1996 |
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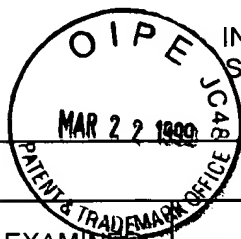
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